

| Day                | Date   | Class | Period |
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| <b>The title :</b> | <b><u>Unit 1: basics of web design:</u></b><br><b><u>*The first topic: A knowledge entrance of the project</u></b> |       |        |

### Aims

**In the end of this unit the student will be able to:**

1. Know some of the basic concepts and terminology associated with creating a Web site dealing with databases.
2. Distinguish the web page of static and dynamic web pages.
3. Practicing prepared the computer operations to become a Server device.

### Aids

1- Lab

2- Instruments

3-book

4- Sheets

### ST. of Teaching



Grouping



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Solving problem



Co-operation



### Presentatio

*Basic concepts:*

*\*Freeware programs*

*\*Static Web Page*

*\* Server (Web server - Print Server - Mail Server - Database Server)*

*\* Script*

*Language" HTML*

*\* Personal Home Paged :PHP language*

*\* Personal Home Paged : PHP language*

*\* SQL "Structured Query Language"*

*\* Web Server Packages*

*\* Open Source Programs*

*\* Dynamic Web Page*

*\* " Hyper Text Markup*

*\* Apache Server*

*\* MYSQL Server*

*\* Session*

### Evaluation

Solve Exercise (1)

| Day                | Date  | Class | Period |
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| <b>The title :</b> | <u>Chapter 1:</u> Basics of web design_<br><u>Lesson2:</u> <b>Planning project site</b> |       |        |

### Aims

In the end of this lesson the student will be able to:

- 1-Identifies the tasks required to create a Web site.
- 2 - Home Page plans for a Web site
- 3 - Load Xampp application software to run Apache and MYSQL.
- 4-Identify tasks to be performed in the construction site " the photographer Dictionary of Computer "

### Aids

1- Lab      2- Devices      3-book      4-Sheets

### ST. of Teaching

☐ Grouping    ☐ Solving problem    ☒ Co-operation  
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### Presentation

- \* The importance of the project.
- \* Determine tasks to be implemented in the construction site " The photographer computer Dictionary "
- \* Steps to create a web site
- \* Implementation of the project site "The photographer computer

Dictionary"

### Evaluation

What is the importance of the project?

| Day | Date | Class | Period |
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| <b>The title :</b> | <u>Unit 2</u> : Requirements and production stages of the project<br><u>Lesson1</u> : Design web pages |  |  |

### Aims

**In the end of the lesson the student should be able to:**

- 1 - Designed Home Pages of site.
- 2 - Identifies the necessary navigation links between pages of the site.
- 3 - Discuss with his colleagues several proposals for the design of the project pages.

### Aids

- 1- Lab      2- Instruments      3-book  
4- Sheets

### ST. of Teaching



Grouping



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### Presentatio

*\* Designed Index\_Term.php page*

*\*Design Add\_Term.php*

*\*Design Edit\_Term.php page*

*\* Design Del\_Term.php*

*\*Design Search\_Term.php page*

*\*Design Help.php page*

### Evaluation

What is the purpose of home page?

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| Day | Date | Class | period |
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| <b>The title :</b> | <u>Unit 2</u> : Requirements and production stages of the project<br><u>Lesson2</u> :Create data base |  |  |

In the end of this lesson the student should be able to:

- 1- Know some basic concepts of databases.
- 2 - Creates a database of "The photographer computer Dictionary"
- 3 - Practiced links process between databases.



**Aids**

1- Lab

2- Instruments

3-book

4- Sheets



**ST. of Teaching**



Grouping



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**Aims**



**Presentation**

\*Some basic concepts of databases

1- Database

2- Relational database

3- Table

4- Record

5- Field



**Evaluation**

What is the meaning of Database?

| Day | Date | Class | Period |
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| <b>The title :</b> | <u>Unit 2:</u> Requirements and production stages of the project<br><u>Lesson2:</u> Create data base |  |  |

### Aims

**In the end of the lesson the student should be able to:**

- 1-Know some basic concepts of databases.  
 2 - Creates a database of "The photographer computer Dictionary"  
 3- Classified Relationships in databases.

### Aids

1- Lab      2- Instruments      3-book      4- Sheets

### ST. of Teaching



Grouping



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Solving problem



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### Presentation

- \* *Primary key*
- \* *Types of The relationships*
- \* *Basic object of data base*
- \* *Properties of database project*

### Evaluation

**Complete:**

*Basic object of data base are.....,*

.....

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| <b>The title :</b> | <u>Unit 3:</u> Create pages of site " the photographer dictionary of computer "<br><u>Lesson1</u> :HTML and PHP language and design website applications |  |  |

### Aims

**In the end of this lesson the student should be able to:**

- 1- Know the HTML language.
- 2 - Create Web page with HTML code.
- 3 - Explain the main screen for program components

Expression Web

### Aids Sheets

**1- Lab**

**2- Instruments**

**3-book 4-**

### ST. of Teaching

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Center-student

☐ Solving problem

☐ Co-operation

### Presentation

- \* Load the database management program (Access)
- \* Database elements.
- \* Create a table.
- \* Field Properties.
- \* Identify the primary key for the table.

### Evaluation

What the meaning of format property?

| Day | Date | Class | Period |
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| <b>The title :</b> | <u>Unit 3:</u> Create pages of site " the photographer dictionary of computer "<br><u>Lesson2:</u> HTML and PHP language and design website applications |  |  |

### **Aims**

In the end of the lesson the student should be able to:

- 1-Explain the main screen components of the Expression Web program.
- 2 - Know the PHP programming language.
- 3 - Employs Expression web program in linking Web site pages.

### **Aids**

1- Lab      2- Instruments      3-book      4- Sheets

### **ST. of Teaching**



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### **Presentatio**

The main screen components of the Expression Web program.

Menu Bar.

(2) Folder List.

(3) (1 \*

.Tag Properties

(4) Website Components

(5) Toolbox window

(6)

Apply Style

\* Create project web

### **Evaluation**

What the main screen components of the Expression Web program?

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| Day | Date | Class | Period |
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| <b>The title :</b> | <u>Unit 3:</u> Create pages of site " the photographer dictionary of computer "<br><u>Lesson2:</u> The arguments and conditional sentences in the language of PHP |  |  |



**In the end of the lesson the student should be able to:**

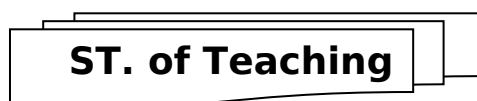
- 1- Load Microsoft Access.
- 2- Navigate in the table
- 3-Enter data in tables



**1- Lab**

**2- Instruments**

**3-book 4-**



**ST. of Teaching**

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**Presentatio**

\*Load Microsoft Access

\*Use navigation bar



**Evaluation**

What is the navigation bar?

| Day | Date | Class | Period |
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| <b>The title :</b> | <u>Unit 3:</u> Create pages of site " the photographer dictionary of computer "<br><u>Lesson2:</u> Add_Term.php page |  |  |



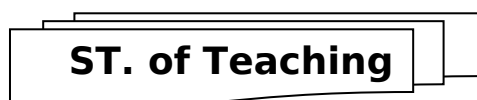
**In the end of the lesson the student should be able to:**

- 1- Load Microsoft Access.
- 2- Navigate in the table
- 3-Enter data in tables



**Aids**

1- Lab      2- Instruments      3-book      4- Sheets



**ST. of Teaching**



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**Presentatio**

\*Change Data Direction

\*Enter data in each table



**Evaluation**

How Change Data Direction in table?

| Day        | Date   | Class | Period |
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| <b>The</b> | <u>Unit 3:</u> Create pages of site " the photographer |       |        |

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| <b>title :</b> | dictionary of computer "<br><u>Lesson2</u> : Add_Term.php page |
|----------------|--|



**In the end of the lesson the student**

**should be able to:**

- 1- Load Microsoft Access.
- 2- Navigate in the table
- 3-Enter data in tables



1- Lab      2- Instruments      3-book      4- Sheets



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\*Enter data in each table

\*Inserting the foreign key value in look up way



Define the foreign key?

| Day                | Date   | Class | Period |
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| <b>The title :</b> | <u>Unit 3</u> : Create pages of site " the photographer dictionary of computer "<br><u>Lesson3</u> : Add_Term.php page |       |        |

**Aims**  
be able to:

**In the end of this lesson the student will**

- 1-Know queries.
- 2- Know types of queries.
- 3- Usage queries.

**Aids**

1- Lab      2- Instruments      3-book      4- Sheets

**ST. of Teaching**



Grouping



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Solving problem



Co-operation



**Presentatio**

\*Usage queries

\*Types of queries

\*Action queries

**Evaluation**

What are types of queries?

# Second Term

| Day | Date | Class | Period |
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**The title :**

*Revision the previously studied in the first semester*

**Aims**

In the end of the lesson the student should be able to:

1-Know queries.

2- Creating query without the wizard.

**Aids  
Sheets**

1- Lab

2- Instruments

3-book 4-

**ST. of Teaching**

☐ Grouping



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Solving ☐ problem

Co-operation ☐

**Presentatio**

\* Creating query in Design view.

\*Exercise:

Design a query that displays (department code - department name employee name and main salary)

**Evaluation**

**What are types of queries?**

| Day                | Date                                      | Class | Period |
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| <b>The title :</b> | <i>Unit 4: dealing with the Site Data</i> |       |        |

## Aims

**In the end of the lesson the student should be able to:**

- 1-Know repetition phrases.
2. Designed interface of search term page.
3. Write HTML code to create a search page for the term.
4. Writes PHP code to include Header & Connection.

## Aids

1- Lab      2- Instruments      3-book      4- Sheets

## ST. of Teaching



Grouping



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Solving problem



Co-operation



## Presentation

Design search term page.

- Banner image and links to the other pages of the site at the beginning of the search page for the term.
- Address web page "search term" .
- Form is inserted from the window of the Toolbox, so that it contains page search controls.
- Text "search term" next to the text box and we enter the term you want to search for.
- command button "Find the word" and responsible for the implementation of the PHP code implementation process of searching for a term in the database, which is required before connecting to the database.
- Insert a table containing the first row only, and refers to the column headers.

## Evaluation

page?

Write the code to header and connection

| Day                | Date  | Class | Period |
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| <b>The title :</b> | <u>Unit 4</u> : dealing with the Site Data<br><u>Lesson1</u> : Search_term.php page |       |        |

## Aims

In the end of the lesson the student should be able to:

1-Know queries.

2- Creating query without the wizard.

## Aids Sheets

1- Lab

2- Instruments

3-book 4-

## ST. of Teaching

☐ Grouping  
Center-student



Solving problem



Co-operation



## Presentatio

\* Creating query in Design view.

\*Exercise:

Design a query that displays (department code - department name employee name and main salary) and adding field under the name of incentive (10% of the salary) and save it.

## Evaluation

| Day         | Date   | Class | Period |
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| The title : | <u>Unit 4</u> : dealing with the Site Data<br><u>Lesson2</u> : Del_term.php page |       |        |

## Aims

**In the end of the lesson the student should be able to:**

1. Designed interface page to delete the term.
2. Generates a page to delete the term with HTML.
3. Writes PHP code to include Header & Connection and PHP code to delete the term.

**Aids**

1- Lab

2- Instruments

3-book

4- Sheets

**ST. of Teaching**

☐ Grouping



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Solving ☒ problem

Co-operation ☒

**Presentatio**

- \* Insert header and connection page.
- \*Showing all records of data in table (terms)
- \*Showing the number of terms in the table (terms)
- \* Showing all records on Internet browser page.
- \* Implement deletes the record.

**Evaluation**

How to delete the record?

| Day                | Date  | Class | Period |
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| <b>The title :</b> | <u>Unit 4</u> : dealing with the Site Data<br><u>Lesson3</u> : Edit_term.php page |       |        |

**Aims**

**In the end of the lesson the student should be able to:**

1. Design interface of edit term page.
2. Perform HTML code to create the edit page trem.
3. Write code in PHP of Header & Connection page and write code in PHP to edit term data.
- 4- Establish help page.



## Aids

1- Lab

2- Instruments

3-book

4- Sheets

## ST. of



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Solving problem



Co-operation



## Presentation

- \* Design interface of edit term page.
- \* Write code in PHP of Header & Connection page and write code in PHP to edit term data.
- \* modifies data in the table
- \* achieved from edit of the term in the database.
- \* identify elements that can be displayed in the help page.
- \* Create the help page

## Evaluation

What the element of the help page ?

| Day         | Date  | Class | Period |
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| The title : | <u>Unit 5</u> : Insurance site " the photographer dictionary of computer "<br><u>Lesson1</u> : Entrance to secure Web sites |       |        |

## Aims

**In the end of the lesson the student should be able to:**

1. know the concept of penetration.
2. Explain protect websites ways.
3. Looking through electronic sources of information about the methods and techniques to penetrate Internet sites.

## Aids

1- Lab

2- Instruments

3-book

4- Sheets

## ST. of Teaching



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Co-operation

## Presentation

\* Protect Web sites

1. Protect at the server level (Server)
2. Protecting the developers of the site level

\* Some safety precautions to keep secure site

## Evaluation

What are safety precautions to keep secure site?

| Day                | Date   | Class | Period |
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| <b>The title :</b> | <u>Unit 5:</u> Insurance site " the photographer dictionary of computer "<br><u>Lesson2:</u> Create a new user registration page |       |        |

## Aims

**In the end of the lesson the student should be able to:**

1. Design a new user registration page.
2. Differentiate between GET & POST.
3. Explain the risk of error in entering the username and password.

## Aids

1- Lab

2- Instruments

3-book

4- Sheets

## ST. of Teaching

☐ Grouping



Solving ☐ problem

Co-operation ☐

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## Presentation

- \* Creation of a new user registration page actions
- 1-Create new table with name users in dbdictionary.
  - 2- Design a new user registration page.

## Evaluation

Differentiate between GET & POST?

| Day                | Date   | Class | Period |
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| <b>The title :</b> | <i>Unit 5:</i> Insurance site " the photographer dictionary of computer "<br><i>Lesson3:</i> Designing the Login page and Sign out.php |       |        |

**Aims**

In the end of the lesson the student should be able to:

**Aids  
Sheets**

1- Lab

2- Instruments

3-book 4-

**ST. of Teaching**

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**Presentatio**

| Day                | Date   | Class | Period |
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| <b>The title :</b> | <u>Unit 5:</u> Insurance site " the photographer dictionary of computer "<br><u>Lesson4:</u> Secure Site Actions |       |        |



**In the end of the lesson the student should be able to:**



**1- Lab**

**2- Instruments**

**3-book 4-**



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Solving ☐ problem

Co-operation ☐



## Evaluation

| Day                | Date  | Class | Period |
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| <b>The title :</b> | <u>Unit 5</u> : Insurance site " the photographer dictionary of computer "<br><u>Lesson5</u> : Secure data base MYSQL |       |        |

**Aims**

**In the end of the lesson the student should be able to:**

**Aids  
Sheets**

**1- Lab**

**2- Instruments**

**3-book 4-**

**ST. of Teaching**

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**Presentatio**

**Evaluation**

